



2025

Current Conditions: Warren



For The Raymond John Wean Foundation,
Prepared by Greater Ohio Policy Center
March 2025

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Introduction, a note on Methodology

This report provides a comprehensive view of the current conditions of city of Warren, particularly in comparison to Trumbull County and the state of Ohio at large.

The data utilized in this report are primarily compiled from the American Community Survey (ACS), which is a product of the US Census. The most accurate data points from the ACS are created from 5-year trends. Thus, many data points are listed as 2023 ACS 5-year Estimates.

Other data points come from a variety of publicly available federal or corporate sources. The most recent available data is always listed and source cited.

Much of this report displays data for city of Warren, Trumbull County and the state of Ohio. In order to provide a baseline that can be updated in the future without the use of proprietary, subscription-based software, the report does not measure Trumbull Co. as “everywhere in Trumbull Co. except Warren”. In other words, Warren is part of the Trumbull Co. data. This will slightly skew data, but even with the inclusion of Warren, the data show that the county, at large, is whiter and more prosperous than the City.

Similarly, all state of Ohio data include Trumbull County. A condensed presentation of key data points can be found at the end of this report.

Population Demographics

Population by Race and Ethnicity in Warren, Trumbull Co. and Ohio

A majority of residents within both Warren and Trumbull Co. identify as White alone, however the population of African American or Black residents within Warren is four times that of the county (Figure 1). More than a quarter of the city’s population identified as Black or African American alone according to ACS 2023 5-year estimates. Trumbull County, has a much smaller Black or African American alone population, smaller than even that of the state.

Table 1. *Population by Race and Ethnicity, 2023*

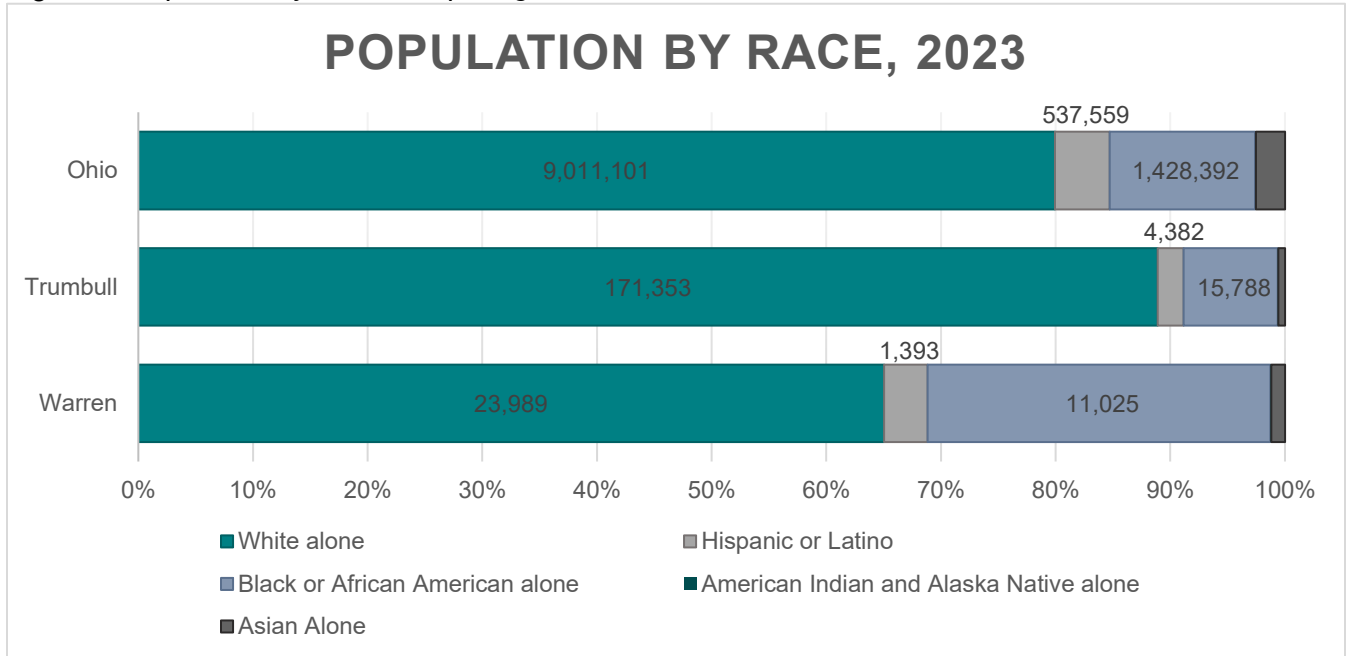
	Warren		Trumbull County		Ohio	
	Estimate	Percent	Estimate	Percent	Estimate	Percent
Total population	39,057	-	201,367	-	11,780,046	-
Hispanic or Latinx (of any race)	1,393	3.6	4,382	2.2	537,559	4.6
White alone	23,989	61.4	171,353	85.1	9,011,101	76.5
Black or African American alone	11,025	28.2	15,788	7.8	1,428,392	12.1
American Indian and Alaska Native alone	29	0.1	132	0.1	7,359	0.1
Asian alone	442	1.1	1,108	0.6	286,098	2.4
Native Hawaiian and Other Pacific Islander alone	-	0	135	0.1	3,655	0

Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2023 5-year data, Table DP05

Less than 10% of county residents self-identify as Black or African American.

Warren has a similar rates of Native American and Pacific Islander residents as the county and state. Warren’s rate of Hispanic and Latinx and Asian populations is less than that of the state. However, these populations are a greater proportion of the city’s overall population than in Trumbull Co. The county has notably small populations of Asian, Hispanic or Latinx descent, especially compared to the rest of the state.

Figure 1. *Population by Race comparing Warren, Trumbull, and Ohio, 2023*



Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2023 5-year data, Table DP05

The remaining data points in this report focus on the White, Hispanic and Latinx and Black/African American populations. GOPC acknowledges the cultural significance of minority populations that have not been represented in the rest of this report and notes that their omission is not a matter of negligence, but a choice made to make data readable and digestible. We do not believe that the population size of these communities is statistically significant enough that their exclusion would dramatically affect the data as presented.

By Age

Median Age in Warren and Trumbull Co. in 2023

The median age in both Warren and Trumbull Co. has decreased since 2020, while the median age across the state has basically stayed the same. Warren and Trumbull Co.’s decrease in median age is occurring outside the margin of error, meaning even when the extremes of the margin are accounted for, data shows the populations in Warren and Trumbull getting slightly younger. Quantitative data alone cannot identify a singular cause as to why the city’s population has gotten slightly younger.

Table 2. Median Age Over Time by Geography, 2023

	Warren	Trumbull County	Ohio
2010 population	36.5	42.0	38.3
2020 population	40.5	44.4	39.5
2023 population	38.5	43.8	39.6

Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2023 5-year data, Table DP05

Age Distribution in Warren and Trumbull Co.

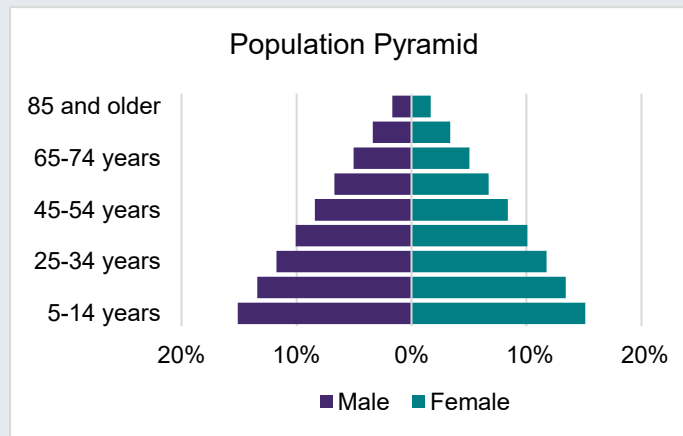
Featured in this section are four pyramids: two for the City of Warren (Figures 2a – 2b) and two for Trumbull County (Figures 3a – 3b). Using these models, we can identify how the distribution of ages has changed within the city over the past 4 years.

HOW TO READ A POPULATION PYRAMID

Population pyramids can be a useful tool in visualizing how a population may be changing in a region. Its shape can tell whether a population is stable, growing, or going through a period of decline.

However, a population pyramid cannot communicate **migration patterns** or **mortality rates**.

This is an example of a population pyramid. An ideal population pyramid will take a pyramid shape, with larger base layers that shrink as you move up through the age cohorts, indicating a growing population. If the pyramid’s base layers are smaller than higher layers, then the population is declining.



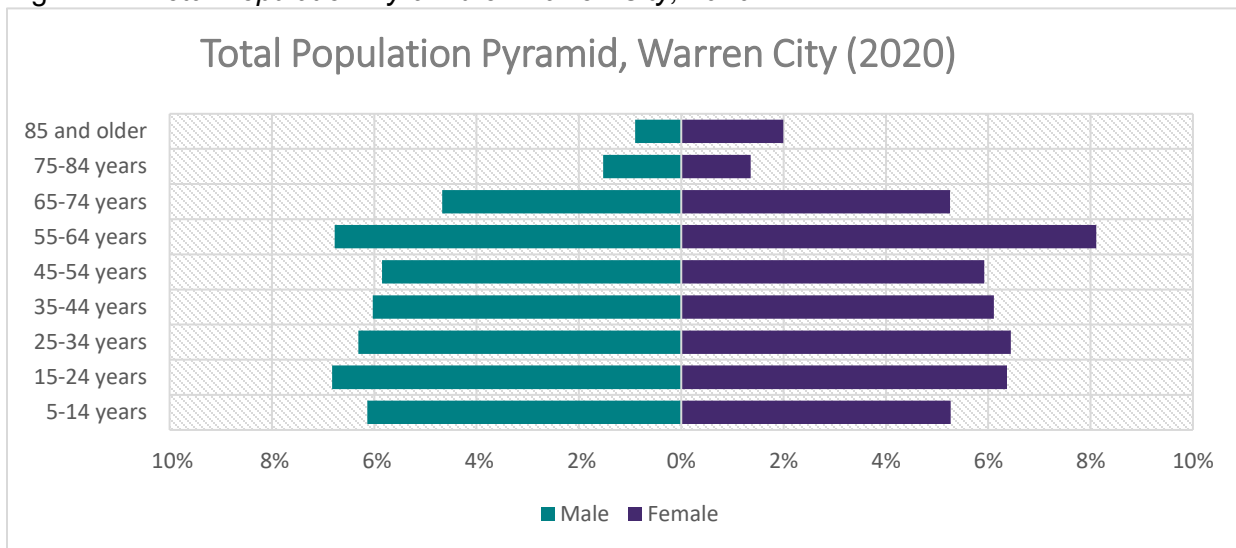
Population pyramids can also provide an estimation of how much of the population will be economically dependent (e.g. seniors and children are dependent on other sources of income besides employment paychecks) to help assess population needs.

You can also identify discrepancies in a geography’s gender distribution using population pyramids, as the **left** side shows the male population, and the **right** shows the female population

Overall, the shape of Warren’s population pyramid is most similar to a wide kite, meaning that the birth rate is not quite sufficient enough to replace aging cohorts, but there isn’t enough difference to indicate significant loss yet. Warren’s population has fluctuated across age cohorts, as seen by the different band lengths for men and women in many cohorts. This suggests the city is showing some minor signs of instability (unexpected growth in certain cohorts, decline in others).

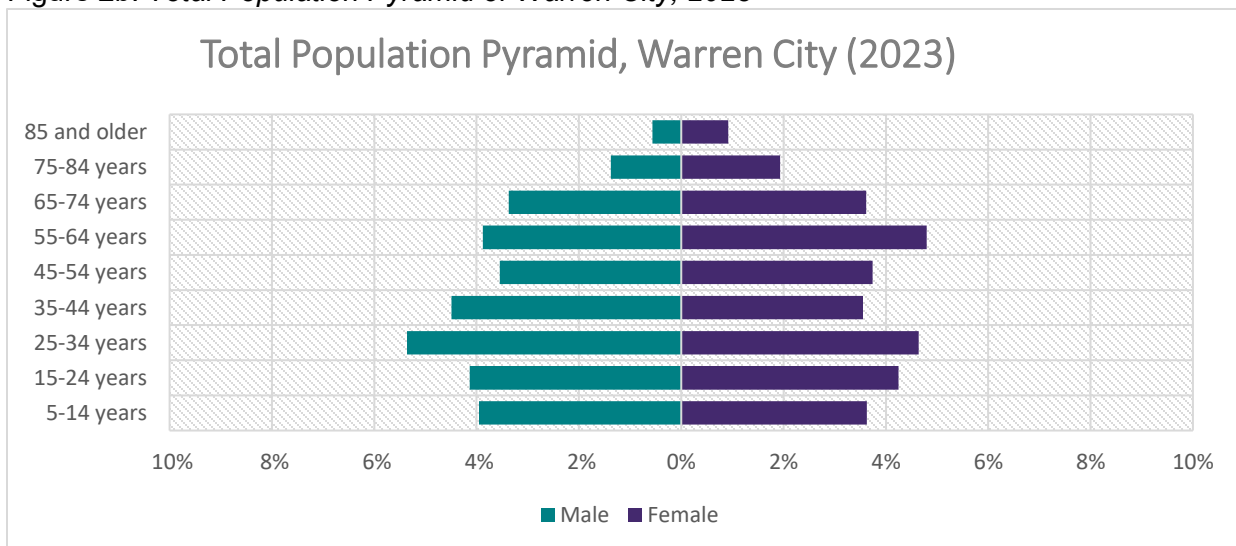
The gender distribution of the city and county are fairly even, although there tends to be slightly more women across most age cohorts. This trend concurs with the larger trend of the county.

Figure 2a. Total Population Pyramid of Warren City, 2020



Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2020 5-year data, Table S0101

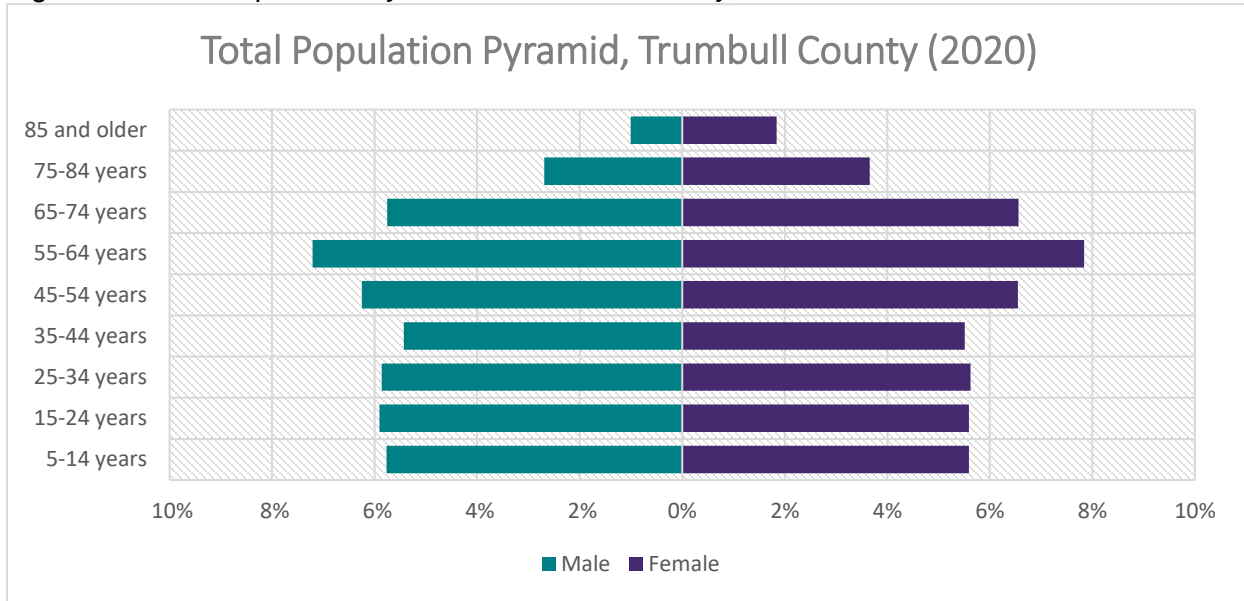
Figure 2b. Total Population Pyramid of Warren City, 2023



Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2023 5-year data, Table S0101

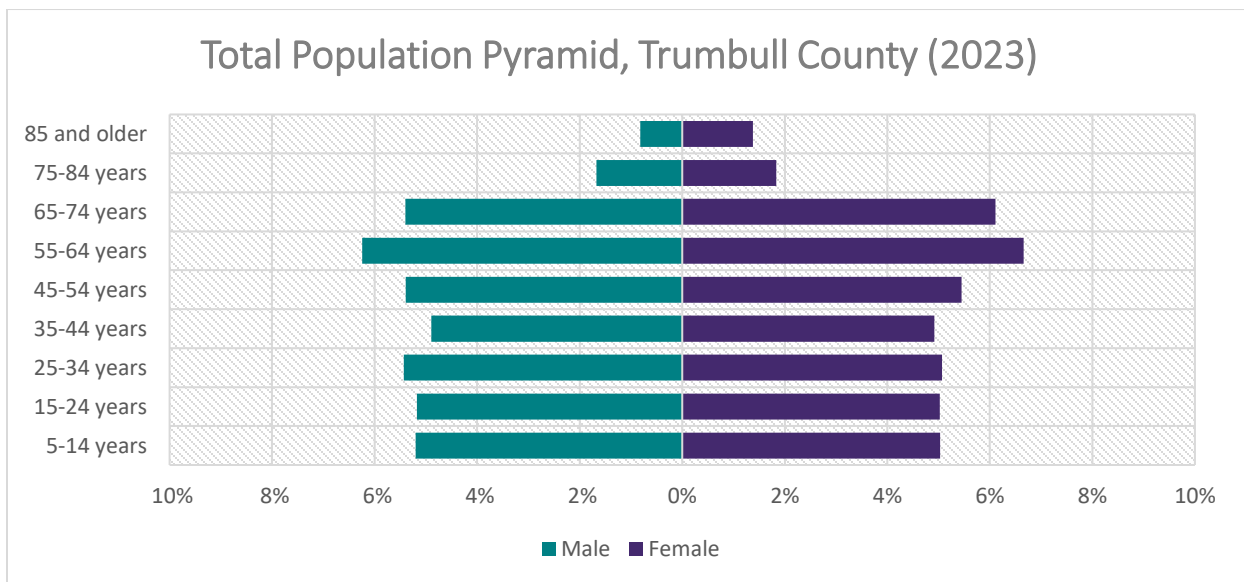
As of 2023, the population of Trumbull County is more aged than that of Warren City, although Warren has a similarly oversized population in the ages 55-64 cohort. Although, Warren's population has shrunk significantly in all age cohorts, the male, aged 25-34 population cohort stands out, indicating a concentration of a younger, economically active male population within the city. In comparison, Trumbull County has not seen a similar surge of population (Figures 3a & 3b). Instead, the population continues to age on trend with expectations.

Figure 3a. *Total Population Pyramid of Trumbull County, 2020*



Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2020 5-year data, Table B01001

Figure 3b. *Total Population Pyramid of Trumbull County, 2023*



Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2023 5-year data, Table B01001

Population Change in Warren and Trumbull Co.

The city of Warren and Trumbull Co. both experienced population loss from 2010 to 2020, while the state slowly grew. In contrast, data for the city and county show a slight regrowth in population from 2020 to 2023. Over time, the population numbers may continue to grow or remain steady. Either way, this emerging trend line of stability and slow regrowth is encouraging.

Table 3. *Percent Change in Population by Geography, 2010, 2020, & 2023*

	Warren	Trumbull County	Ohio
2010 Population	42,667	212,780	11,512,431
2020 Population	38,986	199,144	11,675,275
2023 Population	39,057	201,367	11,780,046
Percent Change (%) from 2010 to 2020	-8.63	-6.41	+1.41
Percent Change (%) from 2020 to 2023	+0.18	+1.12	+0.90

Source: Greater Ohio Policy Center, US Census Bureau, American Community Survey, 2023 5-year data, Table B01001

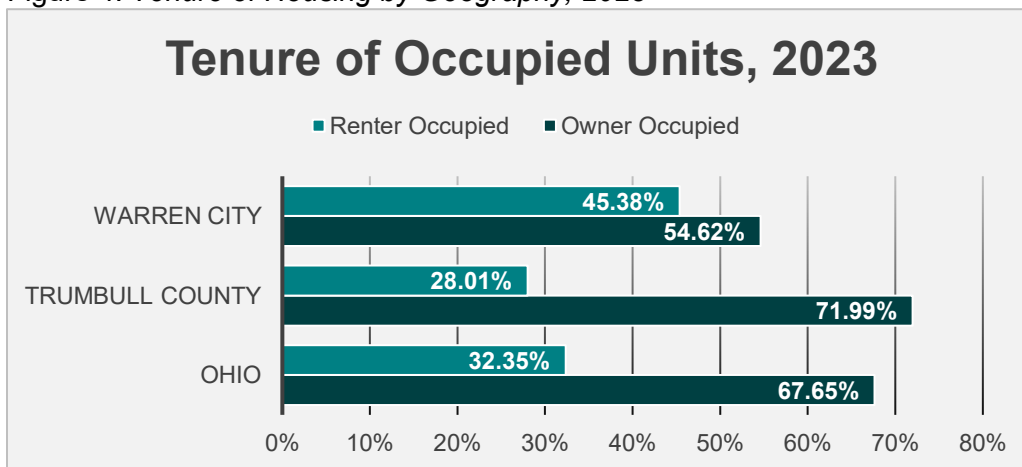
Tenure of Housing

Tenure of Housing: Owner Occupants and Renters in Warren, Trumbull Co. and Ohio, 2023

The city of Warren has lower rates of homeownership than the county or state, however Warren has seen the greatest increase in homeownership since 2020 out of the three geographies. The most recently available data show that approximately 54.62% of households in the city are homeowners (+2.63% from 2020 to 2023), while 71.99% of households in the county are homeowners and 67.65% of households statewide are homeowners.

The city’s rate of renting households is on par with peer legacy cities around Ohio.

Figure 4. *Tenure of Housing by Geography, 2023*



Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S2502

Tenure of Housing by Race in Warren, Trumbull Co. and Ohio, 2023

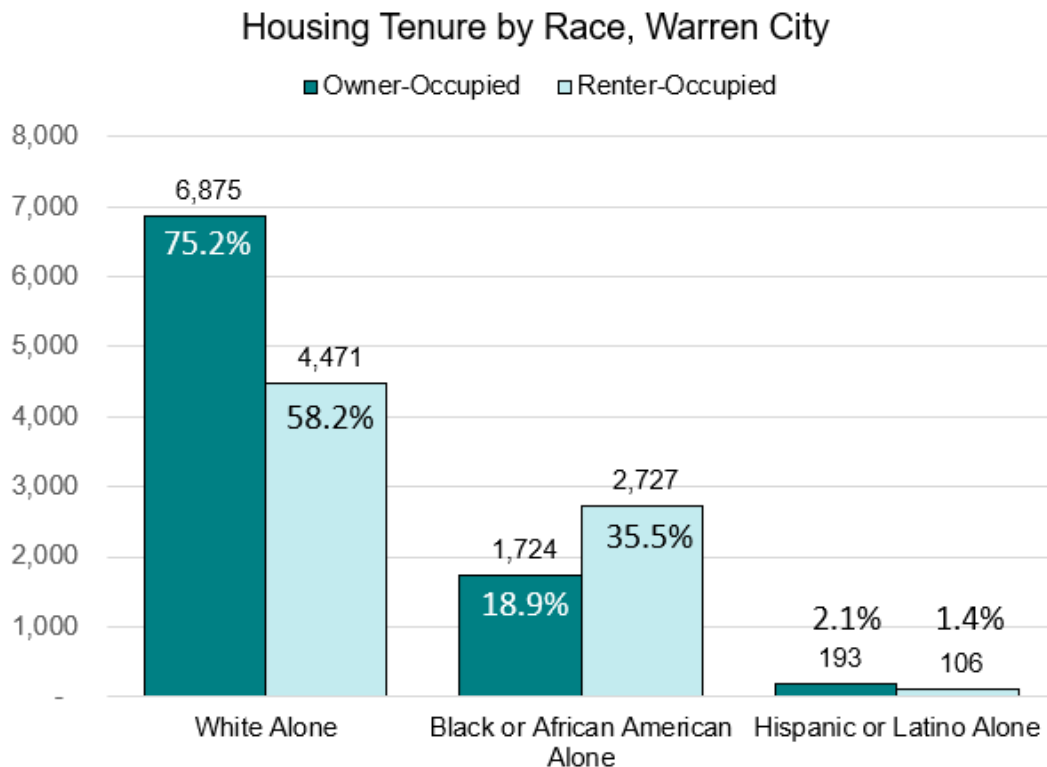
There is a noticeable disparity in home ownership between White alone households and African American households in the city of Warren (Figure 4). White alone households comprise the majority of both renter and homeownership, as to be expected as they are the racial majority within the city. However, the proportions of homeownership among White alone households is higher. Among African American city residents, 2 out of 3 are renter households, while only 1 out of 3 White alone households are renting in Warren.

Since 2020, the demographics of renters versus owners have shifted slightly, however there is not enough change to indicate statistical significance across White alone and Black/African American populations.

However, the change among Hispanic and Latinx households has been large enough to show statistical significance. By 2023, Hispanic and Latinx populations within Warren have switched from majority renter to majority homeowner over the past 4 years (Figure 4).

This suggests that there has been some success with efforts to increase homeownership among Hispanic and Latinx households. An extended numeric breakdown of type of housing tenure by racial demographic in Warren City, Trumbull County, and Ohio overall can be found in Appendix A.

Figure 5. *Housing Tenure by Race, 2023**



Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S2502

* Percentage callouts showcase the relative percentage each race makes up of the total population of their tenure. Percentages may not equal 100 due to unrepresented minority populations.

Housing Values and Vacancy

Housing Sales Prices, 2022

As of December 2024, home prices in the City of Warren were up 19.4% compared to the previous year (Dec. 2023), selling for a median price of \$152,824.¹ Countywide, the median sales price for homes in December 2024 was \$159,387, which was 9.9% greater than 2023.² Ohio's median sales price for homes in December 2024 was \$247,700, an 8.6% increase year over year.³

Fair Market Rent, 2024

In 2024, the fair market rent for a 2-bedroom apartment in Trumbull Co. (the smallest geography available) was \$860. Fair market rents are expected to continue to increase in 2025.⁴

Long Term Vacancy, 2023

In 2023, 6.47% of Warren's housing units were "other vacant," which is the Census's designation for abandoned, vacant properties that have no prospect of tenants or buyers due to their condition. This was 1,233 units, which is a 1,039 unit decrease since 2020. In other words, nearly half of the abandoned properties within Warren have been dealt with since 2020.

The early 2010s were the high-water mark for 'other vacancy' in Ohio, as the impacts of the Great Recession reverberated across housing markets. Now, in 2025, rates are much lower in Warren and Trumbull Co. and the rest of the state for a variety of reasons, including: millions of dollars allocated to demolition, effective landbanks that have removed and prevented blight, increased code enforcement, and relief and support programs that have kept at-risk owners in their homes.

Moreover, the rate of "other vacant" in Warren has **significantly** improved since the 2010s when Warren's other vacant rate was just over 15% of its housing stock. This is an incredibly encouraging trend.

Table 4. *Percent "Other Vacant" by Geography, 2010, 2020, 2023*

	Warren	Trumbull County	Ohio
2010 "other vacant" rates	16.59%	10.56%	10.22%
2020 "other vacant" rates	12.16%	8.82%	9.27%
2023 "other vacant" rates	6.47%	4.98%	4.57%

Source: Greater Ohio Policy Center, Decennial Census, 2020: DEC Redistricting Data (PL 94-171, Table H1); American Community Survey, 2020 ACS 5-Year Estimates Detailed Tables, Table B25002

¹ Rocket Real Estate Trends, accessed December 2024.

² Rocket Real Estate Trends, accessed December 2024.

³ Redfin Market Insights, accessed December 2024.

⁴ National Low Income Housing Coalition "Out of Reach Report", accessed January 2024.

Household Income

Individuals' Wages, 2022

In 2022, 56% of individuals employed in Warren earned less than \$3,333 per month, or \$39,996, annually.⁵

Table 5. *Individual Monthly Wages, 2022*

	Number of residents	Percent of all workers
\$1,250 per month or less (<\$15,000 annual)	2,809	21.8%
\$1,251 to \$3,333 per month (\$15,000-\$39,996 annual)	4,475	34.7%
More than \$3,333 per month >\$40,000 annual)	5,616	43.5%

Source: Greater Ohio Policy Center, U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2002-2022).

Household Income in Warren, Trumbull Co. and Ohio

The City of Warren's median household income was \$36,955 in 2023, a significant increase, surpassing even 2010 median income (+\$6,123 as compared to 2010). The county and state median income have also increased. (For more on household income, see Appendix B).

Table 6. *Median Income by Geography, 2010, 2020, 2023*

	Warren	Trumbull County	Ohio
2010 Median Income	\$30,832	\$42,296	\$47,358
2020 Median Income	\$28,898	\$47,280	\$58,116
2023 Median Income	\$36,955	\$55,088	\$69,680

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S1901

Household Income in Warren, by Race

Looking at median household income by race, there is disparity among city residents. Only 33% of Black or African American households in Warren earn more than the median income for White alone households (+\$45,000).

Hispanic and Latinx households are earning significantly more compared to other racial demographic groups. Two-thirds of Hispanic and Latinx households earn more than the White alone median income (+\$45,000). On the other hand, only 18% of Black or African American and 24% of White alone households in Warren earning more than the Hispanic and Latinx household median income (+\$75,000).

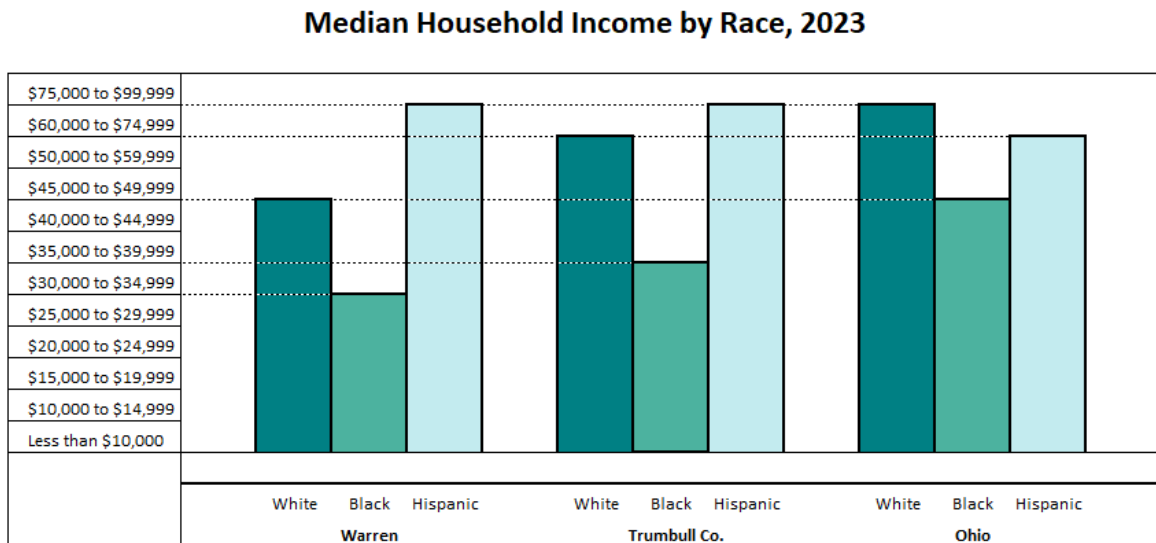
Wages across the county are overall higher since 2020, with significantly higher median incomes for Hispanic and Latinx households in particular (~\$20,000 increase). Comparatively, White county residents earn 30% more White city residents (~\$15,000). Black or African

⁵ U.S. Census Bureau. OnTheMap Application, accessed January 2025

American households currently have the lowest median income in both the city and the county (Warren, \$29,816; Trumbull Co., \$34,535).

An extended, numerical breakdown of household income, including the number of households in each bracket can be found in Appendix B.

Figure 6. *Median Household Income by Race, 2023*



Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table B19001

Table 7. *Median Household Income by Race (in 2023 Inflation Adjusted Dollars), 2023*

	Warren	Trumbull	Ohio
White alone	\$41,916	\$58,167	\$74,887
Black or African American	\$29,816	\$34,535	\$42,433
Hispanic or Latinx origin (of any race)	\$72,639	\$65,613	\$57,218

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S1903

Housing Cost Burden for Renting and Homeowner Households, 2017-2021

Housing cost-burden is when a household pays 30% or more of its income to housing expenses (mortgage/rent, utilities, taxes/fees). The most recent data available is aggregated from data collected from 2017 to 2021 and does not adequately reflect the ongoing stress the pandemic and post-pandemic trends have put on renters and some homeowners.

The most recent data, which have limited value because of their age, suggests 54% of City of Warren renters paid more than 30% of their income to housing expenses). Fifteen percent of all Warren City homeowners paid more than 30% of their income to housing expenses (HUD).⁶

The change in rate since 2020 is not significant enough to suggest that cost-burden has decreased in Warren.

Housing Wage for Renting Households, 2024

In Trumbull Co. (the smallest geography available), the hourly wage necessary to afford a 2-bedroom, fair market-rate apartment increased to \$16.19/hour in 2024 (+\$2.35 since 2022). A household earning the average renter wage in the county needs to work 63 hours a week in order to afford the typical 2-bedroom fair market rent of \$860/month. A minimum wage earner would need to work 1.6 jobs to comfortably afford a 2-bedroom fair market apartment.⁷

Households Living at or Below the Federally Designated Poverty Rate, by Race

The Census Bureau defines poverty by using a set of money income thresholds that vary by size and composition of a family to determine who is in poverty. If a family's total income is lower than the threshold, which is calculated from the cost of a minimum food diet multiplied by three, then that family and every individual in it is considered in poverty. The official poverty thresholds do not vary geographically, but they are updated for inflation using the Consumer Price Index. In 2023, the poverty level for a single adult with two minor children was \$24,549.⁸

The Federal Poverty Threshold should not be confused with the Federal Poverty *Guidelines*. While both provide federal measures of poverty, the Federal Poverty Threshold is determined by the U.S. Census Bureau and includes statistics on the number of Americans who are living in poverty. This report is then used by the Department of Human and Health Services to establish the Federal Poverty Guidelines.

In Warren, 32.9% of households were below the poverty level. This is nearly double that of the county (16.8%) and 2.5 times more than the state (13.2%), which has hardly fluctuated since 2020. Following state trends, both the City of Warren and Trumbull Co.'s poverty rates have slightly declined over the past 3 years.

⁶ U.S. Department of Housing and Urban Development, Comprehensive Housing Affordability Strategy, accessed December 2024

⁷ National Low Income Housing Coalition "Out of Reach Report", accessed July 2022

⁸ U.S. Center for Medicare and Medicaid Services, [Federal Poverty Level](#), Accessed February 2025; U.S. Census Bureau, [2023 Poverty Thresholds](#), Accessed February 2025

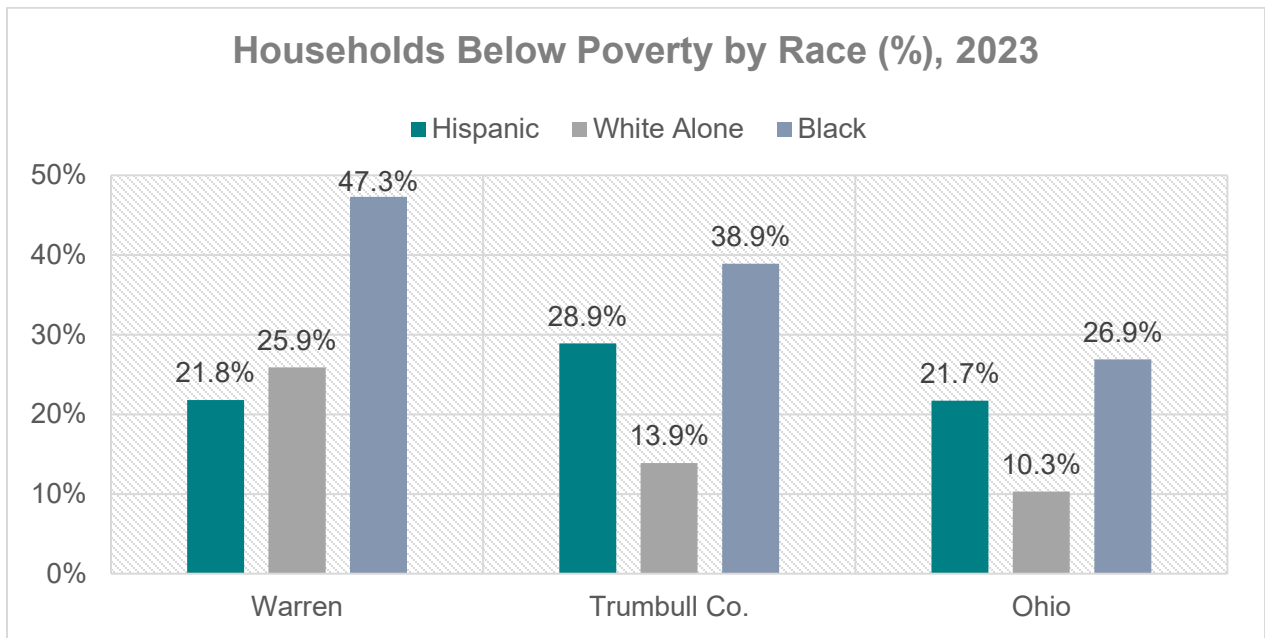
Table 8. *Poverty Rate by Geography, 2010, 2020, 2023*

	Warren	Trumbull County	Ohio
2010 poverty rate	31.4%	18.4%	15.8%
2020 poverty rate	34.4%	17.3%	13.6%
2023 poverty rate	32.9%	16.8%	13.2%

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S1701

Discrepancies between median income and poverty rate help identify internal wage gaps, since the median is the exact halfway point within a population. If poverty rate increases while median income either remains level or increases, it means that the number of households within the middle range of incomes is shrinking, while the number of households at either extreme grows.

Figure 7. *Percentage of Households Below Poverty Level by Race, 2023*



Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S1701

Information about Jobs held by Residents and Certified Companies in Warren

Top Five Industries Warren Residents Work in, 2022

The five industry sectors that have the largest share of city residents in them are below. Health Care and Social Assistance is the only sector that accounts for more than 20% of the city residents' share of employment. (For a full list, see Appendix C.)

Table 9. *Jobs by NAICS Industry Sector in Warren City, 2022*

NAICS Industry Sector	Count	Share
Health Care and Social Assistance	3,085	23.9%
Retail Trade	2,479	19.2%
Manufacturing	1,130	8.8%
Accommodation and Food Services	1,107	8.6%
Educational Services	968	7.5%

Source: Greater Ohio Policy Center, U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2002-2022).

MBE, WBE, VFBE, and EDGE Certified

There are four major business certifications through the Ohio Department of Administrative Services: Minority Business Enterprise (MBE), Women-owned Business Enterprise (WBE), Veteran-friendly Business Enterprise (VFBE or VBE) and Encouraging Diversity, Growth, and Equity (EDGE) certification.

Undoubtedly, many more Black-owned, Hispanic and Latinx owned, women-owned, and veteran owned businesses exist in Warren. Estimating those numbers, however, are difficult, if the businesses are not registered for certification.

As of February 2025, Warren had:

- 9 minority business enterprises
- 7 women business enterprises
- 11 encouraging diversity, growth, and equity certified businesses
- 0 veteran-friendly business enterprises

Some individual businesses qualify for multiple certifications, meaning the unique number of MBE, WBE, VFBE and EDGE companies may be less than the full sum of the numbers above.

That said, it is worth noting that the number of registered businesses has nearly doubled in all certification categories, since GOPC last conducted this analysis. (For an extended list of companies with MBE, WBE, VFBE, and EDGE certification in Warren and Trumbull County, please see Appendix D).

Conditions in Education

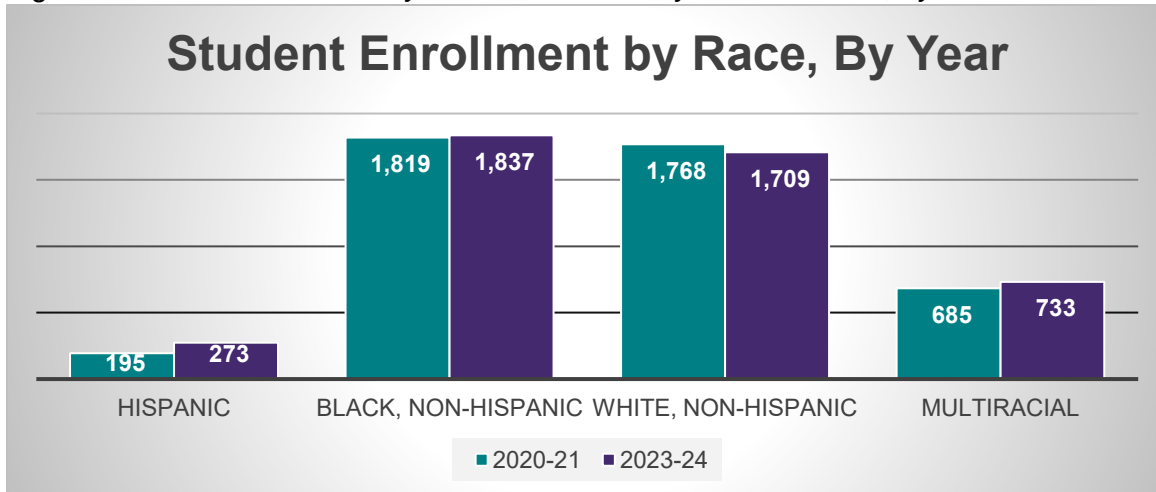
District Demographics

There are 6 schools in the Warren City District. Within the district, in the 2023-2024 school year, there were a total of 4,566 students enrolled. Of those students, there is a relatively equal distribution of non-Hispanic Black (40.2%) and non-Hispanic White students (37.4%), while only 6% identify as Hispanic (Figure 7). The rest of the enrolled students identified as Multiracial (16.1%). The Hispanic and Latinx student population has grown since the 2020-2021 school year, however the proportion of Black and White students has not changed dramatically from the 2020-2021 school year.

Please note that American Indian/Alaskan Native, Asian/Pacific Islander, and Migrant populations are not represented, because their enrollment is less than 1% of students.

According to the most recent data available, 861 students (18.9%) have disabilities, and 51 (1.1%) are English learners.

Figure 8. *Student Enrollment by Race in Warren City School District, by Year*



Source: Greater Ohio Policy Center, Ohio Department of Education and Workforce, 2020-2021 District Profile; 2023-2024 District Profile

District Classification as Economically Disadvantaged

Nearly the entire student body is considered economically disadvantaged (99.2%); this designation means that the student in question meets any of the following conditions (as quoted directly from the Department of Education’s EMIS Manual):

- **Eligibility for Free or Reduced-Price Lunch.** Students who are known to be eligible to receive the free or reduced-price lunch, a program through the United States Department of Agriculture (USDA) National School Lunch Program. Eligibility for free or reduced-price lunch can be determined through a variety of methods including the electronic direct certification process or completion by a parent or guardian of a free and reduced-price lunch application. A student with an approved application on file for a free or reduced-price lunch is qualified to be reported to the Department as economically disadvantaged.
- **Resident of a Household in which a Member is Eligible for Free or Reduced-Price Lunch.** Students who have not submitted an application for free or reduced-price lunch or who have not been directly certified as eligible but reside in a household in which a member (e.g., sibling) is known to be eligible for free or reduced-price lunch via an approved application or through direct certification.
- **Public Assistance.** Students who are known to be recipients of or whose guardians are known to be recipients of public assistance. A source for determining whether a student’s family is receiving public assistance is the Education Monetary Assistance Distribution (EMAD) system.
- **Title I Application.** Students whose parents or guardians have completed a Title I student income form and meet the income guidelines specified

The percentage of students who were eligible for free lunches based on other certification processes in the Warren City School District for the 2023-2024 school year was 62%.⁹ (More on CEP Eligibility in Appendix E)

District Report Card

There are six components that are used to calculate the district's overall grade: Achievement, Progress, Graduation Rate, Gap Closing, Improving At-Risk K-3 Readers, and Prepared for Success.

Overall, the Warren City School District received a composite score of **2.5 stars out of 5** on the metrics that the Ohio Department of Education and Workforce use to determine a district's quality grade. The 2.5 stars means that the Warren City School District "needs support to meet state standards".

Achievement

This component represents the number of students who pass state tests as well as how well they performed on those tests. It is broken down by **Performance Index**, which measures the test results of all students and not just those who score proficient or higher, and **Indicators Met**, which measures what percent of students have passed the tests.

- As of the 2023-2024 Report Card publication, Warren City School District had a Performance Index of 57.9%

In 2021, the performance index had dropped to 45.7% and GOPC suggested that the decline in score could be attributed to the pandemic, seeing as the index stood at 55.2% in 2019. Scores have recovered significantly since, and are back on track toward continuous improvement. Overall, the achievement score received **2 out of 5 stars** for the 2023-2024 school year.

Progress

This component examines the growth of students based on previous performance compared to the expected growth on average in Ohio's State Tests. Within Progress, students are split into 4 measures which are weighted for the final score: i) progress for all students, ii) gifted students, iii) students with disabilities, and iv) students whose academic performance is in the lowest 20 percent of students statewide.

According to the 2023-2024 Report Card publication in English Language Arts,

- Grades 5 through 8 all met or exceeded student growth expectations, as well as overall.
- The 4th grade showed significant evidence that students made less progress than expected. (Note: These students were kindergarteners when the schools went remote in March 2020 due to the pandemic.¹⁰)

In Mathematics,

- All grades 4-8 either met or exceeded student growth expectations.

⁹ Food Research & Action Center, [Community Eligibility Data](#), accessed January 30, 2025

¹⁰ WKBN First News "[Plan set to bring Warren City Schools students back 5 days a week](#)", published March 3, 2021. Accessed February 2025

- 4th and 5th Grades exceeded student growth expectations by a large magnitude in this subject.
- High School students met expectations for Geometry, however fell short of expectations in Algebra by a large magnitude. Value data was not available for Mathematics I or II.

In Science

- 8th grade was the only group to meet student growth expectations.
- 5th grade fell short of growth expectations by a large magnitude.
- Data was not available for 4th, 6th or 7th grades.

High School students are meeting expectations for American Government; however, students are falling behind expectations “by a large magnitude” in American History as well as Biology. Overall, the district received **2 out of 5 stars** on Progress for 2023-2024.

Graduation Rate

This component is composed of the percentage of students who successfully finish high school with a diploma in either four or five years. The Four-Year Graduation Rate (60% in the calculation) is weighted slightly more than the Five-Year rate (40% in the calculation).

- As of the 2023-2024 Report Card publication, Warren City School District has a 4-year graduation rate of 94.6%.

The graduation rate is still on an upward trend overall, and has shown improvement since the 2020-2021 school year when the graduation rate was 89.9%. Warren City School District received **3 out of 5 stars** in the Graduation component of the 2023-2024 Report Card.

Gap Closing

This component measures how well schools meet performance expectations for the most vulnerable populations of students in English language arts, math, graduation, and how well schools teach English learners to become proficient in English. The student groups that are represented include: groups based on racial and ethnic demographics (i.e., White non-Hispanic, Black non-Hispanic, Hispanic, American Indian/Alaskan Native, and Multiracial) as well as students that are economically disadvantaged, students with disabilities, and English learners.

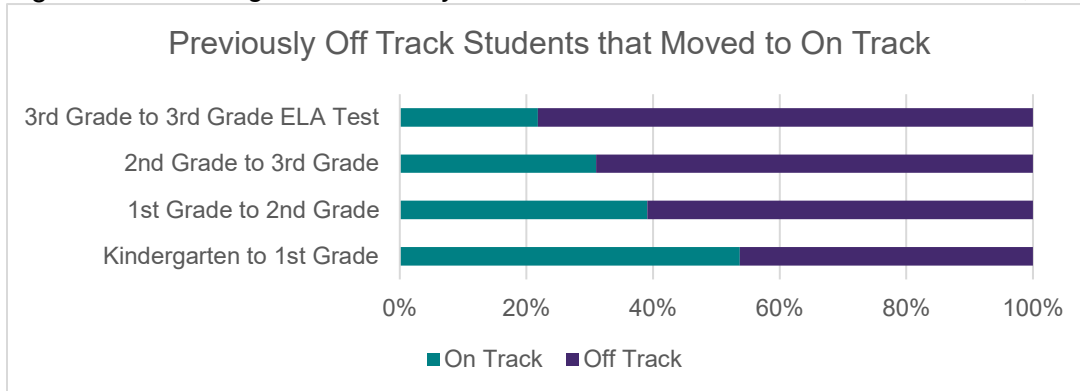
Overall, the district had a gap closing score of 31.1%, earning 19 out of a possible 61 points in this category (**3 out of 5 stars**).

- 1 out of 8 student groups met their English Language Arts Achievement goal.
- 1 out of 8 student groups met their Math Achievement goal.
- No student groups met their English Language Arts Growth goal.
- 1 out of 7 student groups met their Math Growth goal.
- All student groups met their Graduation goal.
- All student groups met their English Learners goal, or showed improvement from the prior year.
- No student groups met their Chronic Absenteeism goal.

Improving At-Risk K-3 Readers

“Improving At-Risk K-3 Readers” is a component that examines how successful the district is at helping struggling students get on track toward proficiency in reading in the third grade and beyond (Figure 9). Third grade improvement evaluates students that were previously “off track” to see if they met the score for “on track” on the third grade English language arts test, as opposed to year-to-year comparison.

Figure 9. *Percentage of Previously Off Track Students that Moved to On Track, Fall 2023*



Source: Greater Ohio Policy Center, Ohio Department of Education and Workforce, Additional Details on Improving K-3 Literacy, 2023-24

According to the Third Grade Reading Guarantee, despite only 47% of students scoring proficient on the state English Language Arts test, 100% of students met requirements for promotion to the 4th grade. Whereas “On/Off Track” is a comparative measure of each student’s year-to-year improvement, score on the English Language Arts test is an objective, pass-fail metric.

Overall, the Warren City School District earned a 63.2% in the Early Literacy component of the 2023-2024 District Report Card (**2 out of 5 stars**).

Prepared for Success

Lastly, this category examines how well students are prepared for future opportunities, whether that is preparing for work or college, or training in a technical field. There are three **Primary Measures**: i) whether or not a student receives an Honors Diploma, ii) ACT or SAT remediation-free scores, or iii) 12 points through an industry-recognized credential in one of 13 high-demand career fields. There are also **Bonus Measures** for advanced placement tests, international baccalaureate tests and college credit plus.

- Of the graduation cohort (260 students) in the 2022-23 school year, 142 demonstrated post-secondary readiness giving the district a composite score of 54.6%.

Of the 2023 graduation cohort, 24.6% took the ACT, however only 3.8% of test-taking students received a score that indicated they did not need remediation support. Of the graduating cohort, 76.5% of students took the SAT, but only 11.9% of those students received remediation-free scores. Within the graduating cohort, 33.8% of students received 12 points through an industry-recognized credential, however only 9.6% of students received an Honors Diploma.

Higher Educational Attainment

Trumbull County residents are attaining higher education degrees at a similar, yet slightly lower rate, than elsewhere in the state. Rates of degree attainment within the city of Warren are lower than that of the state. Notably, Asian residents have a significantly lower rate of attainment than other demographic groups within Warren. Within Trumbull County, Asian residents have the highest rate of attainment, but are still not meeting expectations when compared with the state. Hispanic or Latinx residents have the highest rate of attainment within Warren, and are performing better than the rest of the county.

Table 10. Attainment of Bachelor's Degree or Higher by Race (in Percent), 2023

	Warren	Trumbull	Ohio
White alone	15.9%	20.3%	32.1%
Black or African American alone	13.3%	18.0%	19.9%
Hispanic or Latinx Origin	18.7%	16.5%	23.2%
Asian alone	10.1%	38.3%	60.3%

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S1501

Conclusion

Warren is showing improvement across various metrics. Since GOPC last conducted this analysis, Warren has been able to stabilize. Trumbull County's population is beginning to stabilize as well.

Housing overall has seen multiple successes:

- Homeownership has increased from 2020 to 2023, particularly among Hispanic and Latinx household.
- There is significantly less permanent vacant housing within Warren since 2022; this is a major success for the city and should be celebrated as such.
- Average sales prices have also doubled within Warren, another success, especially in comparison to the state overall, where average sales prices have decreased.

The economy has also shown improvement in some areas. Wages have increased throughout the county. The percent of White Alone households living below poverty has decreased in all geographies since 2020. Signs indicate that efforts to assist racial minorities are proving effective; the percent of Hispanic and Latinx households living below poverty has decreased in Warren, but has increased in Trumbull County.

However, despite the percent of Black or African American households living below poverty decreasing at the state level, that percentage has increased in both the county and the city. This is a sign that continued efforts to assist racial minorities are still necessary. It's also important to note the cost of housing is outpacing wage increases, meaning that residents still have to work more hours to afford the same housing.

The number of certified minority, women, and EDGE certified businesses have all doubled within Warren since February 2022. School report card metrics generally improved across all categories.

Data at a Glance for Warren and Trumbull County

All data are from American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, unless otherwise noted.

Population Demographics

Population by Race and Ethnicity in Warren City and Trumbull Co., 2023

	Warren		Trumbull County		Ohio	
	Estimate	Percent	Estimate	Percent	Estimate	Percent
Total population	39,057	-	201,367	-	11,780,046	-
Hispanic or Latinx (of any race)	1,393	3.6	4,382	2.2	537,559	4.6
White alone	23,989	61.4	171,353	85.1	9,011,101	76.5
Black or African American alone	11,025	28.2	15,788	7.8	1,428,392	12.1
American Indian and Alaska Native alone	29	0.1	132	0.1	7,359	0.1
Asian alone	442	1.1	1,108	0.6	286,098	2.4
Native Hawaiian and Other Pacific Islander alone	-	0	135	0.1	3,655	0

Median Age in Warren and Trumbull Co. in 2010, 2020, & 2023

The median age of Warren has decreased since 2023. The median age of the county has also slightly decreased.

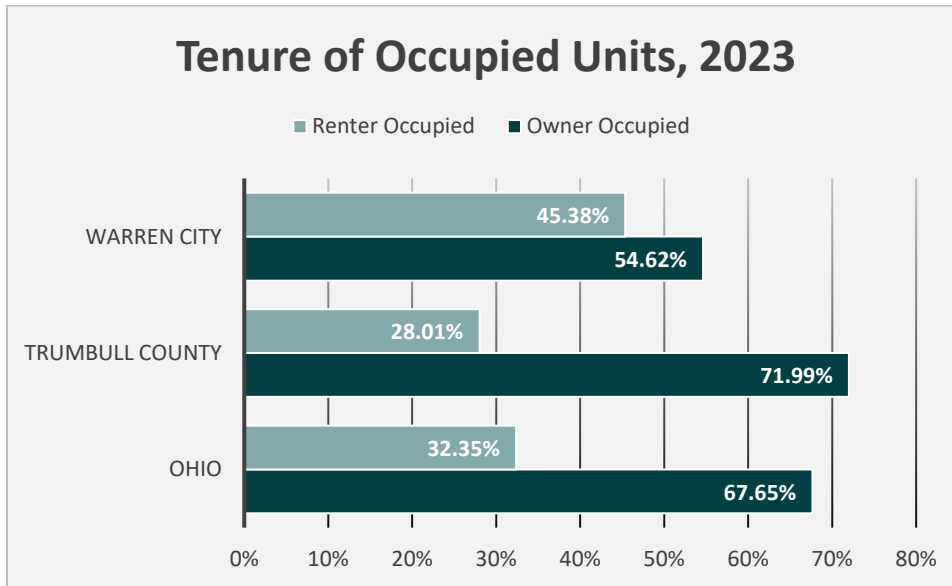
	Warren	Trumbull County	Ohio
2010 population	36.5	42.0	38.3
2020 population	40.5	44.4	39.5
2023 population	38.5	43.8	39.6

Population Change in Warren and Trumbull Co., from 2020 to 2023

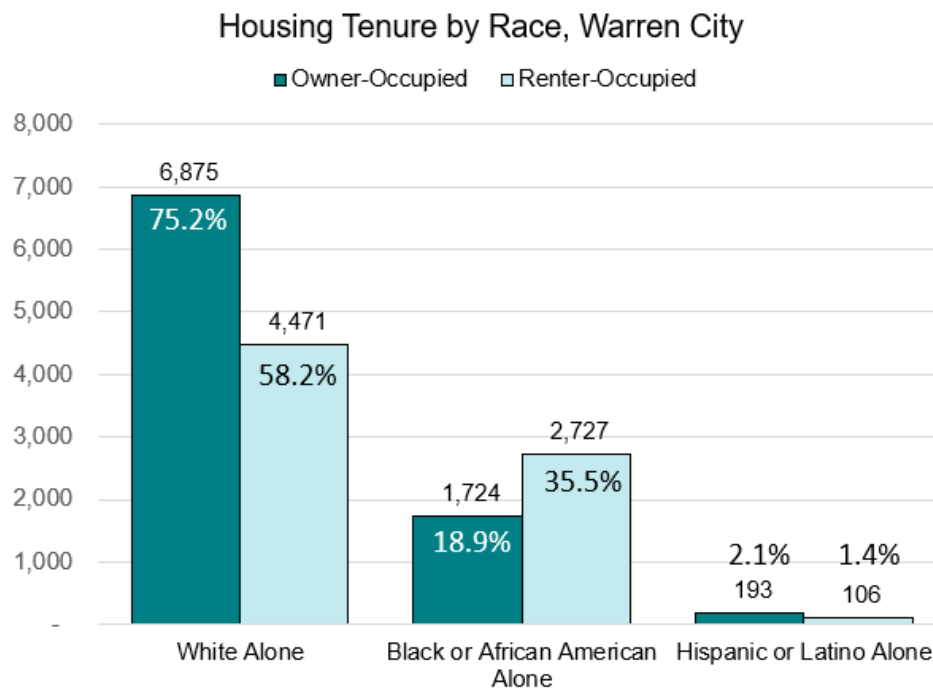
	Warren	Trumbull County	Ohio
2020 Population	38,986	199,144	11,675,275
2023 Population	39,057	201,367	11,780,046
Percent Change (%)	+0.18	+1.12	+0.90

Tenure of Housing

Tenure of Housing: Owner Occupants and Renters in Warren, Trumbull Co. and Ohio, 2023



Tenure of Housing: Owner Occupants and Renters in Warren, by Race, 2023



Despite making up 28.2% of the city's population, only 18.9% of Warren's homeowners are Black or African American. The city's White homeownership rate is 4 times that of Black or African American homeownership at 75.2% of all homeowners in the city, although only 61.4% of city residents identify as White.

Housing Values and Vacancy

Housing Sales Prices, 2024

As of December 2024 (Rocket Mortgage):

Warren: Home Sales Prices +19.4% since 2023; Median Sales Price \$152,824

Trumbull County: Home Sales Prices +9.9% since 2023; Median Sales Price \$159,387

Ohio: Home Sales Prices +8.6% since 2023; Median Sales Price \$247,700 (Redfin)

Fair Market Rent, 2024

In 2024, the fair market rent for a 2-bedroom apartment in Trumbull Co. (the smallest geography available) was \$860. Fair market rents are expected to continue to increase in 2025 (National Low Income Housing Coalition).

Long Term Vacancy, 2023

In 2023, 6.47% of Warren's housing units were "other vacant," which is the Census's designation for abandoned, vacant properties that have no prospect of tenants or buyers due to their condition. This was 1,233 units (a 1,039 unit decrease since 2020).

This rate has **significantly** improved since the 2010s when Warren's "other vacant" rate was over 15% of its housing stock.

	Warren	Trumbull County	Ohio
2010 "other vacant" rates	16.59%	10.56%	10.22%
2020 "other vacant" rates	12.16%	8.82%	9.27%
2023 "other vacant" rates	6.47%	4.98%	4.57%

Household Income

Individuals' Wages, 2022

In 2022, 56% of Warren residents (e.g. individuals) earned \$3,333 or less per month, or less than \$39,996, annually. (On the Map).

	Number of residents	Percent of all workers
\$1,250 per month or less (<\$15,000 annual)	2,809	21.8%
\$1,251 to \$3,333 per month (\$15,000-\$39,996 annual)	4,475	34.7%
More than \$3,333 per month >\$40,000 annual)	5,616	43.5%

Household Income in Warren, Trumbull Co. and Ohio

The City of Warren’s median household income was \$36,955 in 2023, a **significant** increase, surpassing even 2010 median income (+\$6,123). The county and state median income have also increased, but at less dramatic rates.

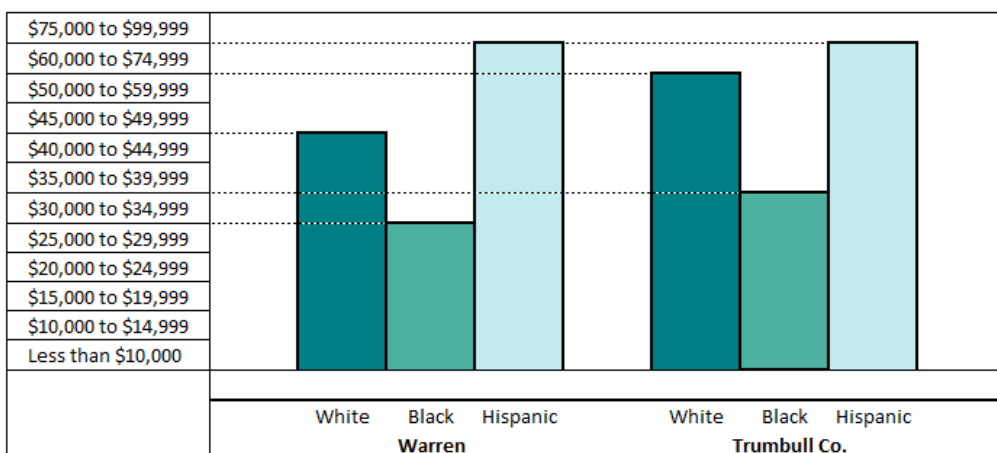
	Warren	Trumbull County	Ohio
2010 Median Income	\$30,832	\$42,296	\$47,358
2020 Median Income	\$28,898	\$47,280	\$58,116
2023 Median Income	\$36,955	\$55,088	\$69,680
% change in Median (2020-23)	+27.88	+16.51	+19.90

Household Income in Warren, by Race

Looking at median household income by race, there is disparity among city residents. Only 33% of Black or African American households in Warren earn more than the median income for White alone households (+\$45,000). Hispanic and Latinx households are earning significantly more compared to other racial demographic groups.

Wages across the county are overall higher since 2020, with significantly higher median incomes for Hispanic and Latinx households in particular (~\$20,000 increase). Comparatively, White county residents earn 30% more White city residents (~\$15,000). Black or African American households currently have the lowest median income in both the city and the county (Warren, \$29,816; Trumbull Co., \$34,535).

Median Household Income by Race, 2023



Housing Cost Burden for Renting and Homeowner Households, 2017-2021

Housing cost-burden is when a household pays 30% or more of its income to housing expenses (mortgage/rent, utilities, taxes/fees). The most recent data available is aggregated from data collected from 2017 to 2021 and does not adequately reflect the ongoing stress the pandemic and post-pandemic trends have put on renters and some homeowners.

The most recent data; which have limited value because of their age, suggests 54% of City of Warren renters paid more than 30% of their income to housing expenses). Fifteen percent of all Warren City homeowners paid more than 30% of their income to housing expenses (HUD).

Housing Wage for Renting Households, 2024

In Trumbull Co. (the smallest geography available), the hourly wage necessary to afford a 2-bedroom, fair market rate apartment has increased to \$16.19/hour (+\$2.35) as compared to 2022. A household earning the average renter wage in the county needs to work 63 hours a week in order to afford the typical 2-bedroom fair market rent of \$860/month (National Low Income Housing Coalition). A minimum wage earner would need to work 1.6 jobs to comfortably afford a 2-bedroom fair market apartment.

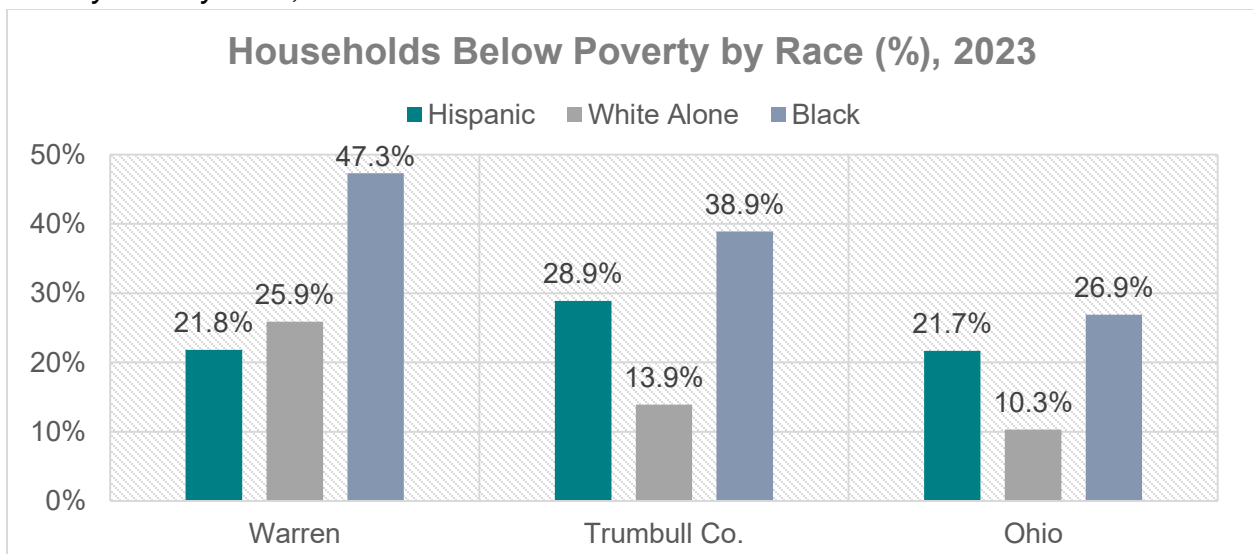
Households Living at or Below the Federally Designated Poverty Rate, by Race, 2023

In Warren, 32.9% of households were below the poverty level in 2023 (the poverty level for a single adult with two minor children in 2023 was \$24,526 or below). Warren’s household poverty rate is nearly double that of the county (16.8%) and 2.5 times more than the state (13.2%), which has hardly fluctuated since 2020. Following state trends, both the City of Warren and Trumbull Co.’s poverty rates have slightly declined over the past 3 years.

Poverty Rate by Geography, 2010, 2020, 2023

	Warren	Trumbull County	Ohio
2010 poverty rate	31.4%	18.4%	15.8%
2020 poverty rate	34.4%	17.3%	13.6%
2023 poverty rate	32.9%	16.8%	13.2%

Poverty Rate by Race, 2023



Information about Jobs held by Warren Residents and Certified Companies in Warren

Top Five industries Warren Residents Work in, 2022

NAICS Industry Sector	Count	Share
Health Care and Social Assistance	3,085	23.9%
Retail Trade	2,479	19.2%
Manufacturing	1,130	8.8%
Accommodation and Food Services	1,107	8.6%
Educational Services	968	7.5%

MBE, WBE, VFBE, and EDGE Certified

Warren has

- 9 state certified minority business enterprises
- 7 state certified women business enterprises
- 11 state certified encouraging diversity, growth, and equity certified businesses

Some individual businesses qualify for multiple certifications, meaning the unique number of MBE, WBE, VFBE and EDGE companies may be less than the full sum of the numbers above.

School Demographics and Performance

Demographics of K-12 Students in Warren City School District: Race, Disability, English Language Learners, Economic Status

There are 6 schools in the Warren City District. There were 4,566 students in the district in the 2023-2024 school year. They racially and ethnically identified as:

Black, non-Hispanic	40.2%
White, non-Hispanic	37.4%
Hispanic, Latinx	6%
Multiracial	16.1%

- 18.9% of students have a disability recognized by the school district (861 students)
- 1.1% of students are English language learners (51 students)

99.2% of the student body is considered economically disadvantaged, which means that the student in question meets any of the following conditions:

- Eligible for Free or Reduced-Price Lunch.
- Resident of a Household in which a Member is Eligible for Free or Reduced-Price Lunch.
- Eligible Public Assistance.
- Title I Application Acceptance

District Report Card

Overall, the Warren City School District received a composite score of **2.5 stars out of 5** on the metrics that the Ohio Department of Education and Workforce use to determine a district's school quality grade. The 2.5 stars means that the district "needs support to meet state standards" (ODOEW).

- Achievement Score: 57.9% (**2 Stars**)
- Gap Closing Score: 31.1% (**3 Stars**)
- Graduation Rate Score: 91.9% (**3 Stars**)
- Early Literacy Score: 63.2% (**2 Stars**)
- College, Career, Workforce and Military Readiness Score: 54.6% (**Star rating not applicable for this component**)

The Progress Component measures the academic performance of students compared to expected growth on Ohio's State Tests. 8th Grade was the only grade from 4th through 8th within the district to exceed student growth expectations. 6th and 7th Grade also exceeded student growth expectations in all categories where data was available, yet both lacked data in the Science category. High School is meeting expectations for Geometry and American Government, and falling behind expectations by a large magnitude in all other categories where data is available. (**2 Stars overall**)

The 4-year graduation rate for Warren City School District in the 2023-2024 school year was 94.6%.

Of the 2023 graduation cohort, 24.6% took the ACT, however only 3.8% of test-taking students received a score that indicated they did not need remediation support. Within the 2023 graduation cohort, 76.5% of students took the SAT, but only 11.9% of those students received remediation-free scores.

Attainment of Bachelor's Degree or Higher by Race (in Percent), 2023

	Warren	Trumbull	Ohio
White alone	15.9%	20.3%	32.1%
Black or African American alone	13.3%	18.0%	19.9%
Hispanic or Latinx Origin	18.7%	16.5%	23.2%
Asian alone	10.1%	38.3%	60.3%

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Appendices

Appendix A

Type of Housing Tenure by Race Table, 2023

Geographies	Occupied Housing							
	Non-Hispanic White Alone		Black or African American Alone		Hispanic and Latinx Alone		Total	
	Estimate	Percent	Estimate	Percent	Estimate	Percent	Estimate	Percent
Ohio	3,827,427	79.2	591,734	12.3	164,415	3.4	4,583,576	95
Trumbull County	75,163	87.3	6,615	7.7	1,266	1.5	83,044	97
Warren city	11,346	67.4	4,451	26.5	299	1.8	16,096	96
Geographies	Owner-Occupied Housing							
	Non-Hispanic White Alone		Black or African American Alone		Hispanic and Latinx Alone		Total	
	Estimate	Percent	Estimate	Percent	Estimate	Percent	Estimate	Percent
Ohio	2,804,613	86.7	216,563	6.7	79,418	2.5	3,100,594	96
Trumbull County	56,348	91.5	2,624	4.3	812	1.3	59,784	97
Warren city	6,875	75.2	1,724	18.9	193	2.1	8,792	96
Geographies	Renter-Occupied Housing							
	Non-Hispanic White Alone		Black or African American Alone		Hispanic and Latinx Alone		Total	
	Estimate	Percent	Estimate	Percent	Estimate	Percent	Estimate	Percent
Ohio	1,022,814	64.2	375,171	23.5	84,997	5.3	1,482,982	93
Trumbull County	18,815	76.6	3,991	16.3	454	1.8	23,260	95
Warren city	4,471	58.2	2,727	35.5	106	1.4	7,304	95

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table S2502

Appendix B

Household Income

Household income is defined by the Census Bureau as income of a household in the past 12 months. This number includes the householder and all other individuals aged 15 and older who have income, regardless of relation to householder. This number is *not* family income, as many households are filed by a single person, despite familial relations. Bear in mind that, although household income is a composite of the past 12 months, it is only representative of the household at the time of the interview. This means that people who were members of the household during the year but no longer reside at the household at the time of reporting are not counted. The opposite also holds true, wherein people who did not reside in the household for the past 12 months but are members of the household at the time of the interview are included in the household income. However, overall the compositions of households tended to have no change over the past 12 months at the time of the interview.

Median household income is the division of all households into two equal parts: one half of all households falling above the median, and the other half below. The distribution of households and families includes those with no income, while individual reporting is based on individuals 15 years old and older with income.

Median Household Income of White Alone Households, by Geography, 2023

	White Alone					
	Ohio		Trumbull County		Warren City	
	Estimate	MoE	Estimate	MoE	Estimate	MoE
Total:	#####	8,111	75,163	860	11,474	529
Less than \$10,000	#####	3,301	4,160	620	837	182
\$10,000 to \$14,999	#####	3,178	3,337	461	958	188
\$15,000 to \$19,999	#####	2,643	3,584	508	753	194
\$20,000 to \$24,999	#####	2,910	3,506	452	715	133
\$25,000 to \$29,999	#####	2,703	3,402	463	546	115
\$30,000 to \$34,999	#####	2,671	3,926	489	723	199
\$35,000 to \$39,999	#####	2,333	3,284	418	641	160
\$40,000 to \$44,999	#####	3,146	3,279	426	597	130
\$45,000 to \$49,999	#####	2,657	3,855	487	761	194
\$50,000 to \$59,999	#####	3,796	6,264	589	956	203
\$60,000 to \$74,999	#####	4,391	8,282	640	1,278	270
\$75,000 to \$99,999	#####	5,831	10,090	775	1,266	239
\$100,000 to \$124,999	#####	4,610	6,882	611	616	127
\$125,000 to \$149,999	#####	4,484	4,257	508	330	104
\$150,000 to \$199,999	#####	4,445	3,727	433	335	108
\$200,000 or more	#####	4,300	3,328	411	162	61

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table B19001

Please note that the redline underlines the median household income bracket for the region. For example, the median household income for the White-alone population of Ohio would be within the \$60,000 to \$74,999 bracket, while the median household income for the White-alone population of Warren City would be in the \$40,000 to \$44,999 bracket. “MoE” is common shorthand that refers to the Margin of Error.

Median Household Income of Black/African American Alone Households, by Geography, 2023

	Black or African American Alone					
	Ohio		Trumbull County		Warren City	
	Estimate	MoE	Estimate	MoE	Estimate	MoE
Total:	#####	3,831	6,615	387	10,385	518
Less than \$10,000	67,143	2,467	840	221	2,139	313
\$10,000 to \$14,999	50,881	2,091	877	263	1,081	249
\$15,000 to \$19,999	32,416	1,563	446	170	636	174
\$20,000 to \$24,999	33,831	1,656	389	159	796	182
\$25,000 to \$29,999	31,986	1,834	269	144	878	237
\$30,000 to \$34,999	31,919	1,738	533	232	503	160
\$35,000 to \$39,999	30,001	1,684	431	211	528	146
\$40,000 to \$44,999	31,179	1,666	424	188	388	123
\$45,000 to \$49,999	27,952	1,797	233	138	449	156
\$50,000 to \$59,999	43,493	1,991	451	161	631	162
\$60,000 to \$74,999	54,248	1,898	405	172	678	191
\$75,000 to \$99,999	58,010	1,934	483	184	839	253
\$100,000 to \$124,999	37,388	1,724	401	148	509	187
\$125,000 to \$149,999	21,844	1,227	148	86	121	71
\$150,000 to \$199,999	21,655	1,179	55	41	147	84
\$200,000 or more	17,788	1,062	230	121	62	72

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table B19001

Median Household Income of Hispanic and Latinx Households, by Geography, 2023

	Hispanic or Latino					
	Ohio		Trumbull County		Warren City	
	Estimate	MoE	Estimate	MoE	Estimate	MoE
Total:	164,415	2,127	1,266	215	2,296	290
Less than \$10,000	12,512	941	110	80	581	194
\$10,000 to \$14,999	8,377	778	46	44	293	109
\$15,000 to \$19,999	6,693	713	43	42	195	85
\$20,000 to \$24,999	7,445	781	9	14	319	240
\$25,000 to \$29,999	6,704	739	73	83	120	72
\$30,000 to \$34,999	7,794	723	96	84	96	67
\$35,000 to \$39,999	7,381	815	55	80	93	65
\$40,000 to \$44,999	8,024	886	17	21	187	96
\$45,000 to \$49,999	7,388	734	23	19	91	64
\$50,000 to \$59,999	13,133	947	94	89	36	28
\$60,000 to \$74,999	15,988	989	229	118	60	33
\$75,000 to \$99,999	20,850	1,174	105	71	145	81
\$100,000 to \$124,999	12,979	859	124	79	63	54
\$125,000 to \$149,999	9,583	848	71	80	6	11
\$150,000 to \$199,999	9,845	874	162	117	7	13
\$200,000 or more	9,719	905	9	16	4	7

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table B19001

Percentage of Population Above Racial Median Income, by Race, 2023

	Warren			Trumbull County			Ohio		
	White Alone	Black Alone	Hispanic	White Alone	Black Alone	Hispanic	White Alone	Black Alone	Hispanic
Number of Households Earning Above White Alone Median Income	5,704	3,436	412	36,566	1,722	700	1,910,905	156,685	62,976
% of Population	50%	33%	18%	49%	26%	55%	50%	26%	38%
Number of Households Earning Above Black Alone Median Income	7,665	4,855	788	49,964	2,830	834	2,717,280	282,378	99,485
% of Population	67%	47%	34%	66%	43%	66%	71%	48%	61%
Number of Households Earning Above Hispanic Alone Median Income	8,211	5,733	908	28,284	1,317	471	2,296,698	210,933	78,964
% of Population	72%	55%	40%	38%	20%	37%	60%	36%	48%

Source: Greater Ohio Policy Center, American Community Survey, 2023 ACS 5-Year Estimates Detailed Tables, Table B19001

Appendix C

Industry Conditions

Industries are arranged according to the North American Industry Classification System (NAICS) code order. The five largest industries have been highlighted below: Health Care and Social Assistance, Retail Trade, Manufacturing Accommodation and Food Services, and Educational Services.

Jobs by NAICS Industry Sector in Warren City, 2022

Jobs by NAICS Industry Sector, 2022

NAICS Industry Sector	Count	Share
Health Care and Social Assistance	3,085	23.9%
Retail Trade	2,479	19.2%
Manufacturing	1,130	8.8%
Accommodation and Food Services	1,107	8.6%
Educational Services	968	7.5%
Public Administration	804	6.2%
Administration & Support, Waste Management and Remediation	752	5.8%
Construction	469	3.6%
Other Services (excluding Public Administration)	453	3.5%
Wholesale Trade	381	3.0%
Professional, Scientific, and Technical Services	289	2.2%
Transportation and Warehousing	279	2.2%
Information	194	1.5%
Real Estate and Rental and Leasing	143	1.1%
Utilities	138	1.1%
Finance and Insurance	99	0.8%
Arts, Entertainment, and Recreation	82	0.6%
Mining, Quarrying, and Oil and Gas Extraction	27	0.2%
Management of Companies and Enterprises	16	0.1%
Agriculture, Forestry, Fishing and Hunting	5	0.0%

Source: Greater Ohio Policy Center, U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2002-2022).

Health Care and Social Assistance

This sector contains establishments that provide health care and social assistance for individuals. Health care and social assistance are combined in this industry because it can be difficult to distinguish between the two activities. Industries within this sector do anything from providing medical care exclusively to only providing social assistance or some amalgamation of the two and contains the following subsectors: Ambulatory Health Care Services, Hospitals, Nursing and Residential Care Facilities, and Social Assistance.

Retail Trade

According to the Bureau of Transportation statistics, “Establishments within the retail trade sector also sell merchandise, but unlike wholesalers, retailers sell merchandise (in small quantities) to the general public for personal or household consumption. In some cases, retailers sell merchandise to businesses and institutions” (2016). These are office supply stores, grocery stores, automotive dealers, and gasoline stations, all designed to attract a large number of walk-in customers.

Manufacturing

Within the manufacturing sector are establishments that are engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. This are the plants, factories, and mills that typically use power-driven machines and materials-handling equipment. Reflective of the region’s rust belt history. However, establishments such as bakeries, candy stores, and custom tailors, which focus on transforming materials or substances into new products by hand or in the worker’s home and engage in selling products from the same premises where they’re made, might also be counted in this sector.

Accommodation and Food Services

This sector is composed of establishments that provide customers with lodging and/or preparing meals, snacks, and beverages (intended to be consumed immediately). These services are combined into a single sector to reflect the fact that these two activities are often combined in a single establishment.

Education Services

This sector comprises specialized establishments that provide instruction and training in a wide variety of subjects, such as schools, colleges, universities, and training centers. These establishments may be privately owned and operated for profit or not for profit, or they may be publicly owned and operated. They may also offer food and/or accommodation services to their students.

Appendix D

In Warren, there are 9 MBE certified businesses, and an additional 8 in Trumbull County (Table 2). MBE certification requires at least 51% minority-ownership, and the owner of the business must be an Ohio resident and at least one of the following minority groups: African American/Black, Native American, Hispanic and Latinx, and/or Asian.

Table 2. MBE Certified businesses in Warren City, 2024

Business Name	Date Certification Ends	City	Procurement Type	Business Type	Zip
TCT TRANSPORTATION COMPANY	12/7/2025	Youngstown	Goods and Services	Transportation Services	44505
ALISHALYNN LLC	1/25/2025	Warren	Goods and Services	Distributor and/or Supplier (Clothing/Apparel/Etc.)	44485
BSH INC Sales & Marketing Consultants LLC	11/2/2025	Warren	Goods and Services	Advertising Services and/or Products	44481
DSW Transport LLC	6/7/2026	Warren	Goods and Services	Freight Transportation	44484
HARD KNOX ENTERPRISE INCORPORATED	7/11/2026	Warren	Construction	Construction (Trucking/Hauling Services)	44481
Herron Office Products Inc.	9/26/2026	Warren	Goods and Services	Distributor and/or Supplier (Office Supplies)	44481
Ohio State License Services LLC	3/7/2025	Warren	Goods and Services	Transportation Services	44483
Parker Farms	7/24/2026	warren	Goods and Services	Restaurant Services and/or Products	44485
Purely Write LLC	7/10/2026	Warren	Goods and Services	Internet Marketing Services	44484
The D5 Group LLC	5/15/2025	Warren	Goods and Services	Marketing & Advertising Services	44481
DreamU LLC	2/20/2026	Mineral Ridge	Professional Services	Nursing Care Services and/or Products	44440
Anderson and DuBose Inc.	10/24/2025	Lordstown	Goods and Services	Distributor and/or Supplier (Food Products)	44481
Anansi Street Entertainment Media Corporation	10/23/2025	Hubbard	Goods and Services	Media/Entertainment Services and/or Products	44425
Micro Solo Digital	3/26/2026	Girard	Goods and Services	Business Support Services	44420
TRUMBULL EXCAVATING & SUPPLY LLC	7/10/2025	GIRARD	Construction	Construction (Site Work/Excavation)	44420
Washington Construction Inc.	7/23/2026	Girard			44420
RYSE Insurance LLC	8/28/2026	Cortland	Professional Services	Insurance Sales and/or Services	44410

Source: Greater Ohio Policy Center, Ohio Department of Administrative Services.

Similar qualifications apply to WBE eligibility. In order to be eligible for WBE certification, a business must be at least 51% women-owned. In Trumbull Co, there are 19 WBE certified businesses, 7 of which are in Warren (Table 3).

Table 3. WBE Certified Businesses in Warren, 2024

Business Name	Date Certification Ends	City	Procurement Type	Business Type	Zip
TCT TRANSPORTATION COMPANY	12/7/2025	Youngstown	Goods and Services	Transportation Services	44505
ALISHALYNN LLC	1/25/2025	Warren	Goods and Services	Distributor and/or Supplier (Clothing/Apparel/Etc.)	44485
Dawn Incorporated	4/28/2025	Warren	Construction	Construction (General Contractor)	44483
Mamula Contracting LLC	2/23/2025	Warren	Construction	Construction (General Contractor)	44483
MGH Healthcare LLC	4/1/2026	Warren	Professional Services	Medical Physician	44484
Ohio State License Services LLC	3/7/2025	Warren	Goods and Services	Transportation Services	44483
Parker Farms	7/24/2026	warren	Goods and Services	Restaurant Services and/or Products	44485
Purely Write LLC	7/10/2026	Warren	Goods and Services	Internet Marketing Services	44484
WESTERN RESERVE MECHANICAL INC.	6/21/2025	NILES	Construction	Construction (Mechanical)	44446
Pnut Butter Cups Company LLC	10/7/2026	Newton Falls	Goods and Services	Distributor and/or Supplier (Food Products)	44444
DreamU LLC	2/20/2026	Mineral Ridge	Professional Services	Nursing Care Services and/or Products	44440
Good Intentions LLC	11/15/2025	Kinsman	Goods and Services	Restaurant Services and/or Products	44428
Anansi Street Entertainment Media Corporation	10/23/2025	Hubbard	Goods and Services	Media/Entertainment Services and/or Products	44425
Commlink Communications Inc.	11/2/2025	Hubbard	Information Technology Services	Telecommunications (Fiber Optic/ Cabling/ Installation/ Etc.)	44425
Marquee Creatives LLC	12/27/2025	Girard	Goods and Services	Marketing Service (Non-Internet)	44420
Mid-West Telephone Service Inc	5/24/2025	Girard	Construction	Telecommunications (Fiber Optic/ Cabling/ Installation/ Etc.)	
Gaurd Plus LLC dba Gaurd+	10/11/2025	CORTLAND	Goods and Services	Manufacturer	44410
Guard Plus LLC dba Guard+	5/16/2025	Cortland	Goods and Services	Moving Services and/or Products	44410
RYSE Insurance LLC	8/28/2026	Cortland	Professional Services	Insurance Sales and/or Services	44410

Source: Greater Ohio Policy Center, Ohio Department of Administrative Services

There are no VFBE certified businesses in Warren, however there are 2 VBFE certified businesses in Trumbull County (Table 4). According to the Department of Administrative Services, in order to be eligible for certification, the applicant business must satisfy one of the following criteria:

- *At least ten percent of its employees are veterans or on active service;*
- *At least fifty-one percent of the applicant business is owned by veterans or persons on active service;*
- *If the applicant business is a corporation fifty-one percent of which is not owned by veterans or persons on active service, at least fifty-one percent of the board of directors are veterans or persons on active service; or*
- *The business is certified by the United States Department of Veterans Affairs as a Service-Disabled Veteran-Owned Small Business or a Veteran-Owned Small Business and the owner(s) of the business meets the definition of veteran as defined in Rule 123:5-1-01(II) of the Ohio Administrative Code.*

Table 4. VFBE Certified Businesses in Warren, 2024

Business Name	Date Certification Ends	City	Procurement Type	Business Type	ZIP
Micro Solo Digital	3/26/2026	Girard	Goods and Services	Business Support Services	44420
Hovis Construction LLC.	5/14/2026	Cortland	Construction	Construction (General Contractor)	44410

Source: Greater Ohio Policy Center, Ohio Department of Administrative Services

Lastly, are EDGE Certified businesses, of which there are 11 in Warren and 21 in Trumbull Co as a whole (Table 5). A business is EDGE eligible if the owner is both socially and economically disadvantaged (based primarily on the owner’s personal net worth), or the business is located in a qualified census tract and the owner is economically disadvantaged.

EDGE Certified Businesses in Warren, 2024

Business Name	Date Certification Ends	City	Procurement Type	Business Type	Zip
TCT TRANSPORTATION COMPANY	12/7/2025	Youngstown	Goods and Services	Transportation Services	44505
BSH INC Sales & Marketing Consultants LLC	11/2/2025	Warren	Goods and Services	Advertising Services and/or Products	44481
DSW Transport LLC	6/7/2026	Warren	Goods and Services	Freight Transportation	44484
HARD KNOX ENTERPRISE INCORPORATED	7/11/2026	Warren	Construction	Construction (Trucking/Hauling Services)	44481
Herron Office Products Inc.	9/26/2026	Warren	Goods and Services	Distributor and/or Supplier (Office Supplies)	44481
HOLTON INC.	6/27/2025	Warren	Construction	Construction (Demolition Services)	44481
Mamula Contracting LLC	2/23/2025	Warren	Construction	Construction (General Contractor)	44483
MGH Healthcare LLC	4/1/2026	Warren	Professional Services	Medical Physician	44484
Parker Farms	7/24/2026	warren	Goods and Services	Restaurant Services and/or Products	44485
Purely Write LLC	7/10/2026	Warren	Goods and Services	Internet Marketing Services	44484
The D5 Group LLC	5/15/2025	Warren	Goods and Services	Marketing & Advertising Services	44481
The D5 Group LLC	5/15/2025	Warren	Goods and Services	Marketing & Advertising Services	44481
WESTERN RESERVE MECHANICAL INC.	6/21/2025	NILES	Construction	Construction (Mechanical)	44446
DreamU LLC	2/20/2026	Mineral Ridge	Professional Services	Nursing Care Services and/or Products	44440
Good Intentions LLC	11/15/2025	Kinsman	Goods and Services	Restaurant Services and/or Products	44428
Anansi Street Entertainment Media Corporation	10/23/2025	Hubbard	Goods and Services	Media/Entertainment Services and/or Products	44425
Marquee Creatives LLC	12/27/2025	Girard	Goods and Services	Marketing Service (Non-Internet)	44420
Micro Solo Digital	3/26/2026	Girard	Goods and Services	Business Support Services	44420
Mid-West Telephone Service Inc	5/24/2025	Girard	Construction	Telecommunications (Fiber Optic/ Cabling/ Installation/ Etc.)	
Washington Construction Inc.	7/23/2026	Girard			44420
RYSE Insurance LLC	8/28/2026	Cortland	Professional Services	Insurance Sales and/or Services	44410

Source: Greater Ohio Policy Center, Ohio Department of Administrative Services

Appendix E

About the Community Eligibility Provision (CEP)

In the Ohio Department of Education's *Economically Disadvantaged Students: A Review of Definitions and Methods Across States* report they define the **Community Eligibility Provision** and explain the role that it plays in determining whether or not students qualify as economically disadvantaged. Their description reads as follows:

Student eligibility for the USDA's Free and Reduced-Price Lunch (FRPL) program traditionally has been the most common criterion used by states for determining a student's economically disadvantaged status (income limits are federally set at 130% for free and 185% for reduced-price meals). Another USDA program, the Community Eligibility Provision (CEP), has allowed increasing participation by districts and schools in school breakfast and lunch programs over the past eight years but has introduced further complications for using FRPL eligibility as the primary means of identifying economically disadvantaged students. CEP, in combination with complementary state reporting rules, allows participants to report all students as economically disadvantaged without requiring income verification for each student.¹¹

¹¹ Ohio Department of Education. *Economically Disadvantaged Students: A Review of Definitions and Methods Across States*, accessed April 2022